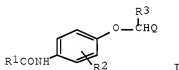


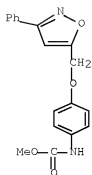
TITLE: Preparation of hydroxyanilines as herbicides
 INVENTOR(S): Sato, Kazuo; Sano, Hiroki; Komai, Hiroyuki; Kudou, Noriaki; Morimoto, Soji; Kadotani, Junji
 PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|------------|-----------------|--------------|
| JP 11263775 | A | 19990928 | JP 1998-252600 | 19980907 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1997-242967 | A 19970908 |
| OTHER SOURCE(S): | MARPAT | 131:243076 | | |

GI

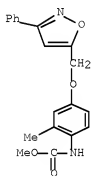


- AB Title compds. I (R1 = alkoxy; R2 = alkyl, cycloalkyl, alkoxy, halo; R3 = H, alkyl; Q = heterocyclyl, except oxazolyl, 2-benzoxazolyl, thiazolyl, 2-benzothiazolyl) and their salts, useful as herbicides, are prepared. Thus, reaction of 2-methyl-4-hydroxyaniline with 5-chloro-2-chloromethylthiophene in DMF in the presence of NaH gave 81.6% 4-(5-chlorothiophen-2-ylmethoxy)-2-methylaniline, reaction of which with Me chloroformate in CH2Cl2 in the presence of 4-dimethylaminopyridine gave 92.3% Me [4-(5-chlorothiophen-2-ylmethoxy)-2-methylphenyl]carbamate (II). II showed herbicidal activity at 20 g/are against Echinocloa crus-galli with no toxicity to rice.
- IT 244175-43-7P 244175-44-8P 244175-45-9P
 244175-46-0P 244175-52-8P 244175-57-3P
 244175-58-4P 244175-59-5P 244175-61-9P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of hydroxyanilines as herbicides)
- RN 244175-43-7 ZCAPLUS
- CN Carbamic acid, [4-[(3-phenyl-5-isoxazolyl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



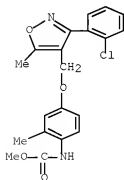
RN 244175-44-8 ZCAPLUS

CN Carbamic acid, [2-methyl-4-[(3-phenyl-5-isoxazolyl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-45-9 ZCAPLUS

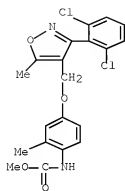
CN Carbamic acid, [4-[[3-(2-chlorophenyl)-5-methyl-4-isoxazolyl]methoxy]-2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-46-0 ZCAPLUS

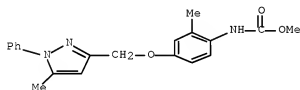
CN Carbamic acid, [4-[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl]methoxy]-

2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)



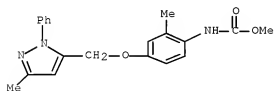
RN 244175-52-8 ZCAPLUS

CN Carbamic acid, [2-methyl-4-[(5-methyl-1-phenyl-1H-pyrazol-3-yl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



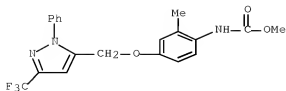
RN 244175-57-3 ZCAPLUS

CN Carbamic acid, [2-methyl-4-[(3-methyl-1-phenyl-1H-pyrazol-5-yl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



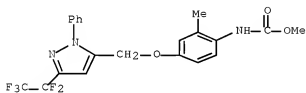
RN 244175-58-4 ZCAPLUS

CN Carbamic acid, [2-methyl-4-[[1-phenyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)methoxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-59-5 ZCAPLUS

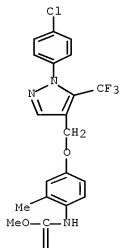
CN Carbamic acid, [2-methyl-4-([3-(pentafluoroethyl)-1-phenyl-1H-pyrazol-5-yl]methoxy)phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 244175-61-9 ZCAPLUS

CN Carbamic acid, [4-[[1-(4-chlorophenyl)-5-(trifluoromethyl)-1H-pyrazol-4-yl]methoxy]-2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)

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